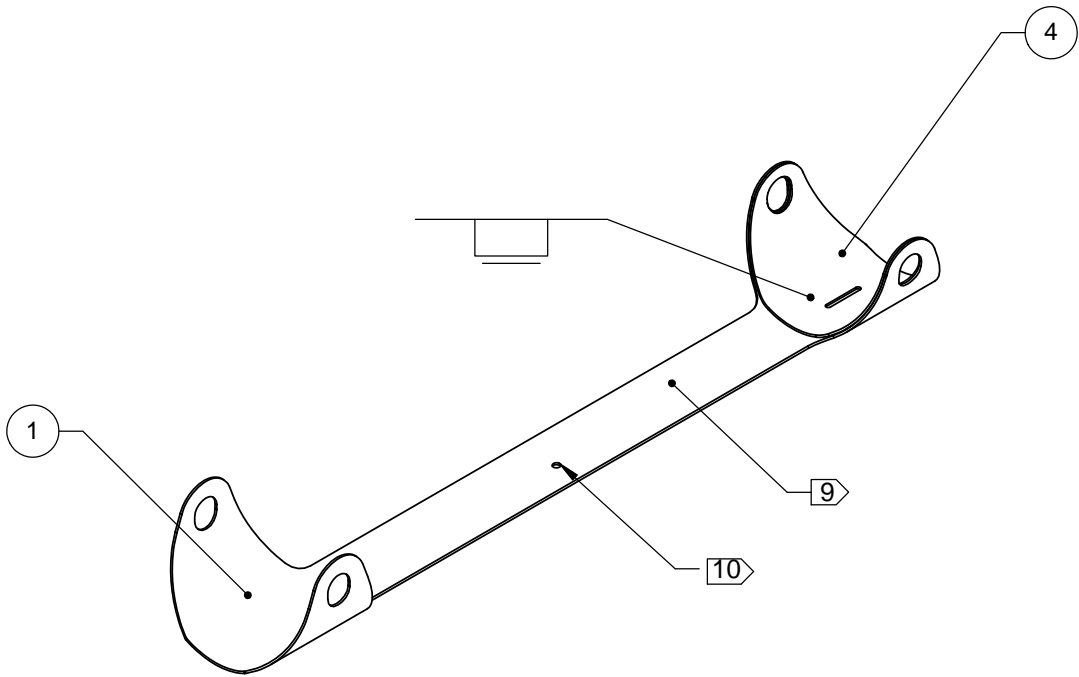
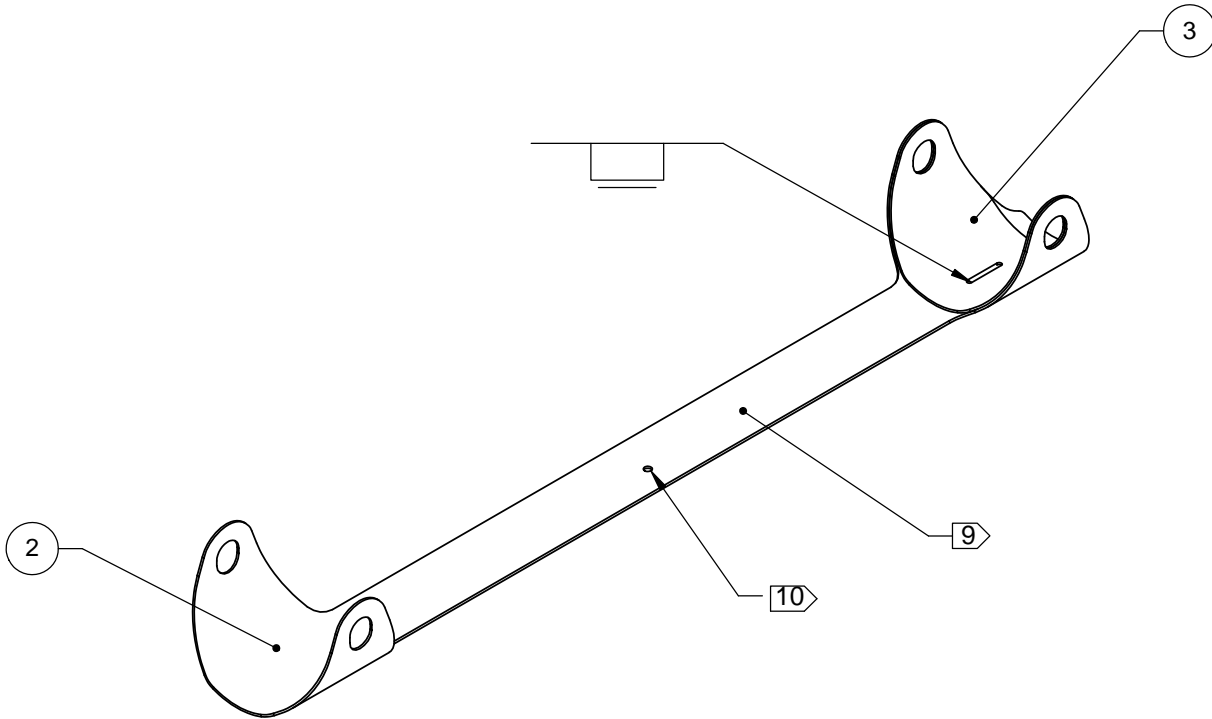


ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
	X		D4682-041	WEARPLATE ASSY
		X	D4682-043	WEARPLATE ASSY
1	1		D4682-1	WEARPLATE
2		1	D4682-3	WEARPLATE
3		1	D4682-9	WEARPLATE SHIM
4	1		D4769-3	WEARPLATE SHIM



D4682-041 WEARPLATE ASSY



D4682-043 WEARPLATE ASSY

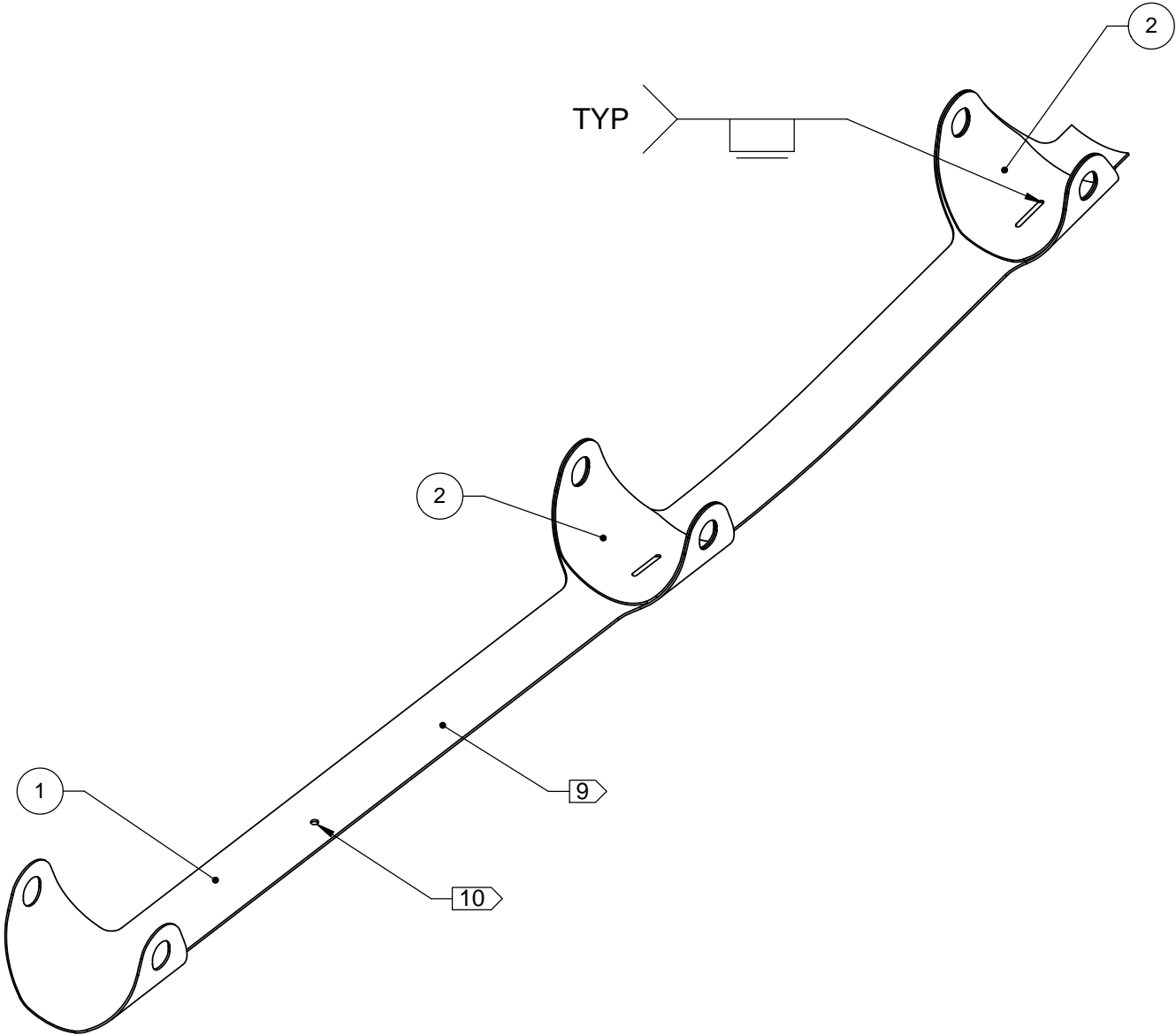
PRELIMINARY PB3
A.P. 13.09.24

- NOTES:
- 1) MATERIAL:N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4682-041" OR "D4682-043" AND B/N PER QSI 044 METHOD 6.1
 - 7) WEIGHT: D4682-041 - 1.12 lbs
D4682-043 - 1.36 lbs
 - 8) WELDING: PER QSI 004
 - 9) COAT ENTIRE TOP (CONCAVE) SURFACE WITH PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
 - 10) OPEN UP DRAIN HOLE IF NECESSARY TO Ø0.188 AFTER APPLYING PLUS ONE ROCKGUARD



PB3	THRU HOLES NOW SLOTS. VARIOUS DIMENSIONAL CHANGES. Ø0.188 HOLE MOVED (B5-3). UPDATED PART WEIGHTS. REMOVED GRAIN DIR ON ALL PARTS D4769-3 WAS D4682-9 ON D4682-041 WEARPLATE ASSY.	AP	13.09.10
A	NEW ISSUE	AP	13.02.13
REV.	DESCRIPTION	BY	DATE
DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	DB		
CHECKED		DRAWING NO.	REV. PB3
MFG. APPR.		D4682	SHEET 1 OF 7
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSY	NTS
DATE	13.09.10	COPYRIGHT © 2013 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

ITEM	QTY -045	P/N	DESCRIPTION
	X	D4682-045	WEARPLATE ASSY
1	1	D4682-5	WEARPLATE
2	2	D4682-9	WEARPLATE SHIM

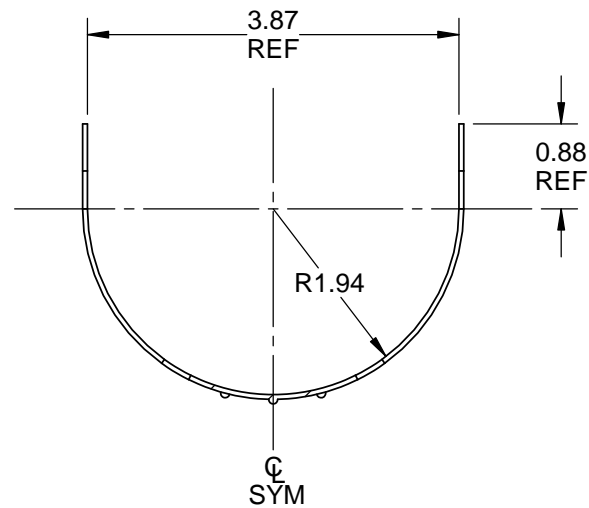


D4682-045 WEARPLATE ASSY

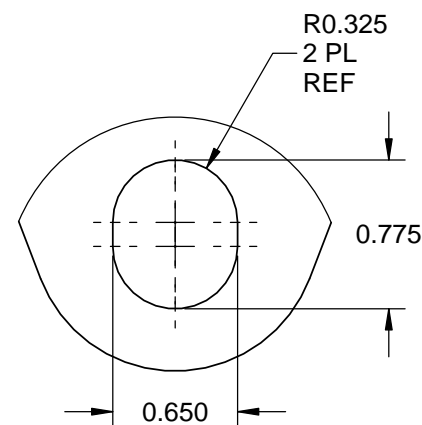
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4682-045" AND B/N PER QSI 044 METHOD 6.1
- 7) WEIGHT: 2.30 lb
- 8) WELDING: PER QSI 004
- 9) COAT ENTIRE TOP (CONCAVE) SURFACE WITH PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
- 10) OPEN UP DRAIN HOLE IF NECESSARY TO \varnothing 0.188 AFTER APPLYING PLUS ONE ROCKGUARD

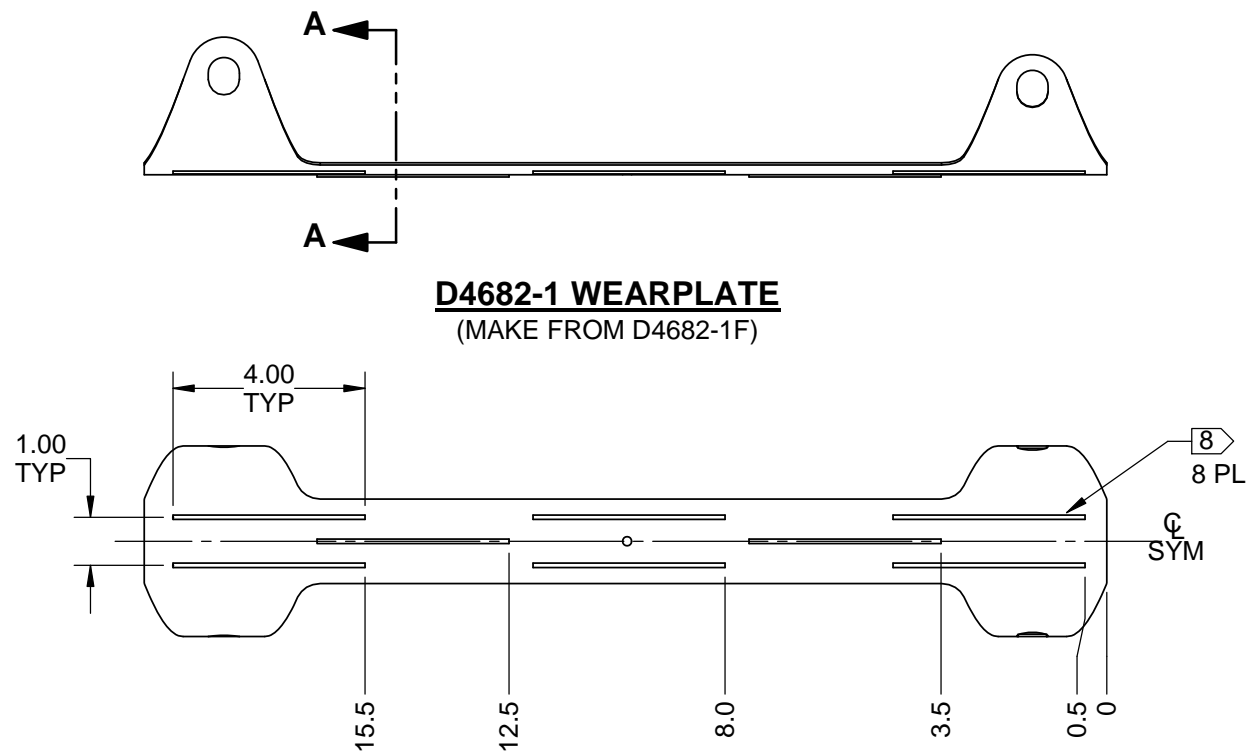
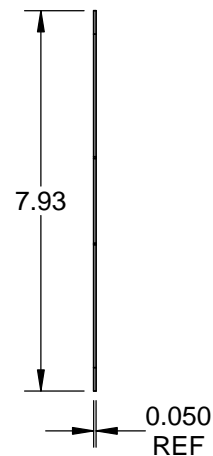
DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	DB		
CHECKED		DRAWING NO. D4682	REV. B
MFG. APPR.			SHEET 2 OF 7
APPROVED		TITLE WEARPLATE ASSY	SCALE NTS
DE APPR.		<small>COPYRIGHT © 2013 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	
DATE	13.09.10		



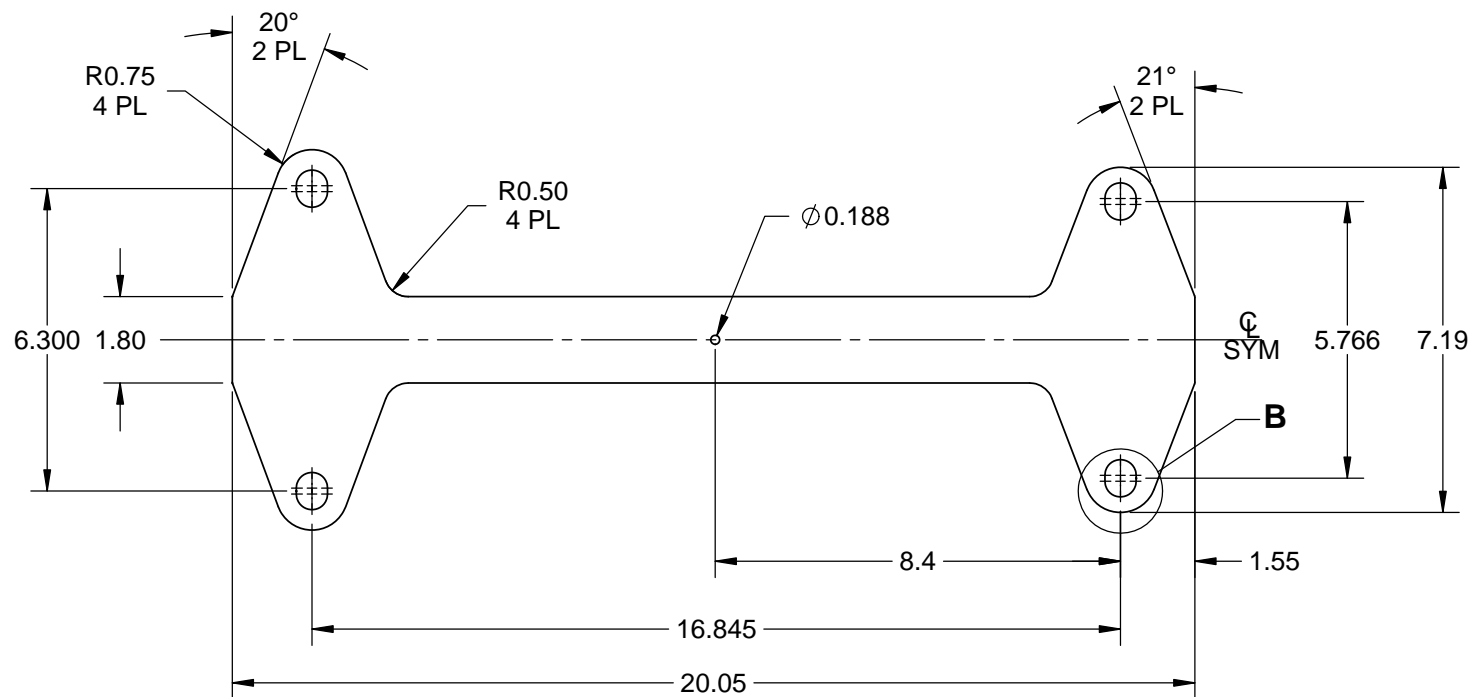
SECTION A-A [9]
SCALE 2X



DETAIL B [B]
SCALE 4X
4 PL



D4682-1 WEARPLATE
(MAKE FROM D4682-1F)

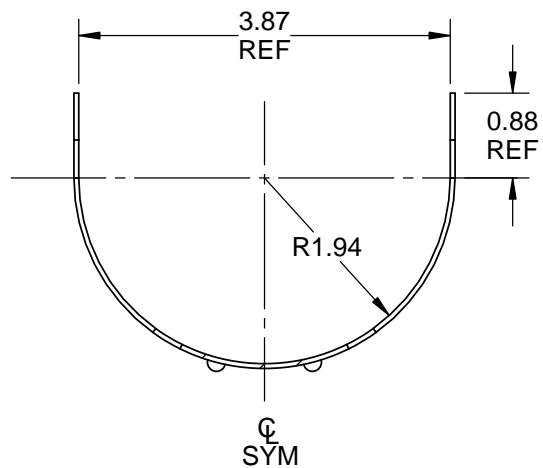


D4682-1F WEARPLATE [B]
(FLAT PATTERN)

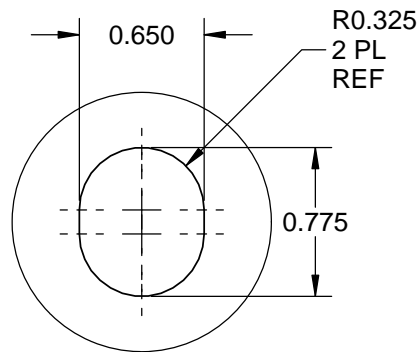
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK (REF. DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.85 lbs
- 8) WELDING: PER QSI 004. APPLY LAYER OF 2059B HARDCOAT WELD TO 0.063 - 0.125 HIGH AFTER BENDING
- 9) IT IS ACCEPTABLE TO OVERBEND D4682-1 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

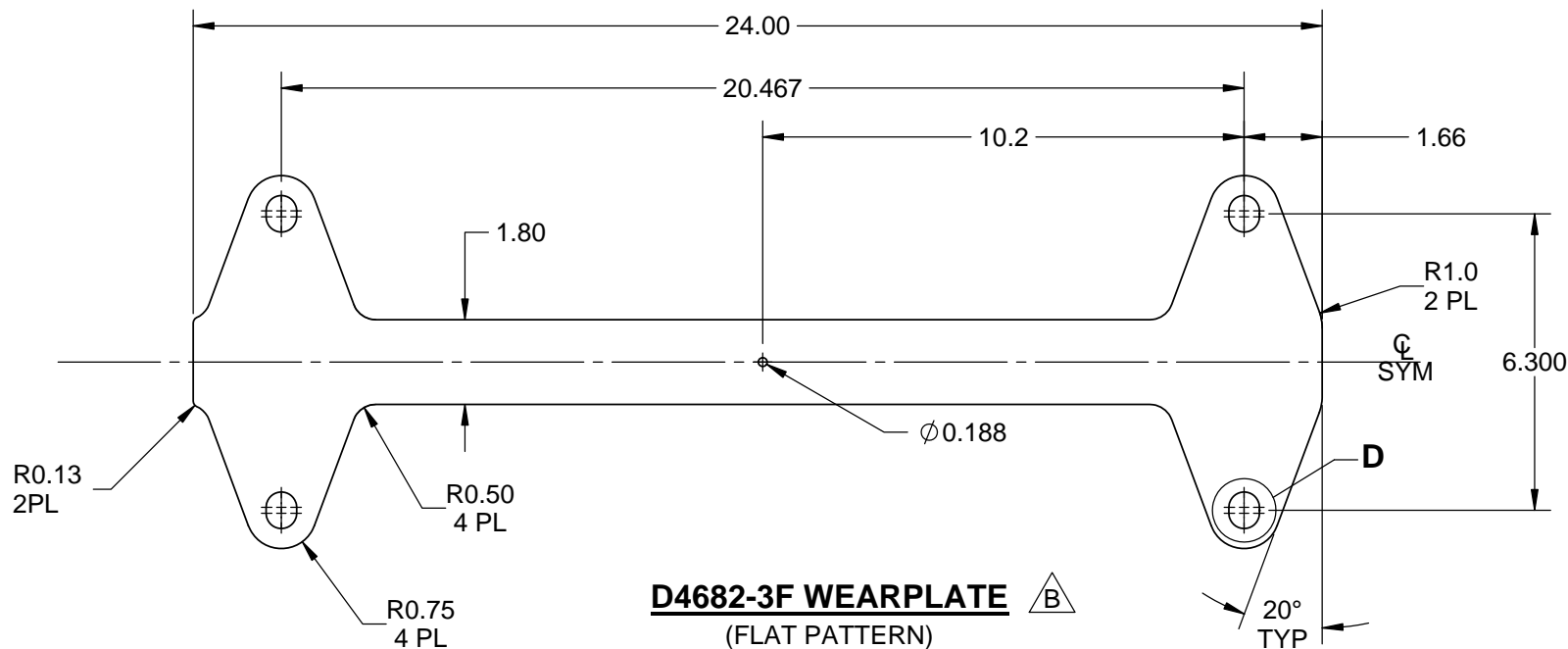
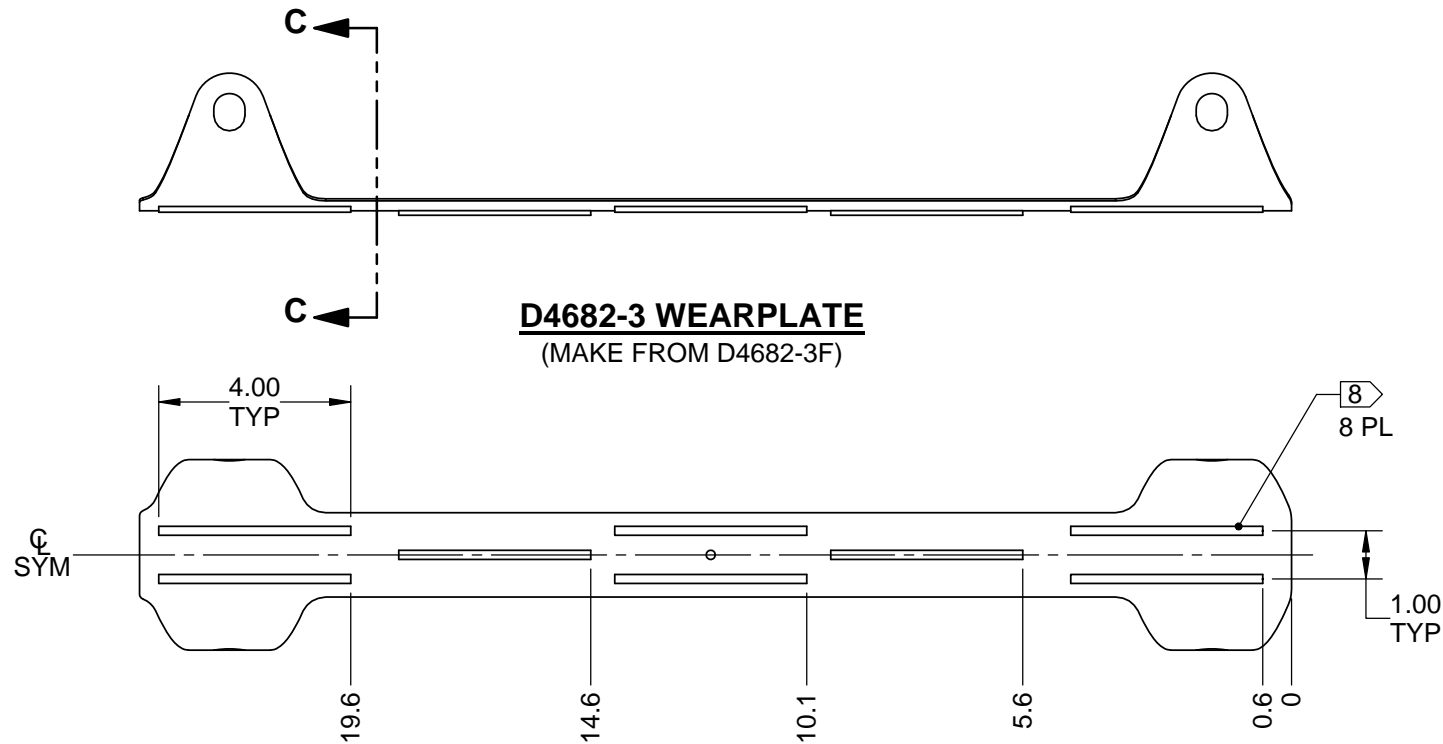
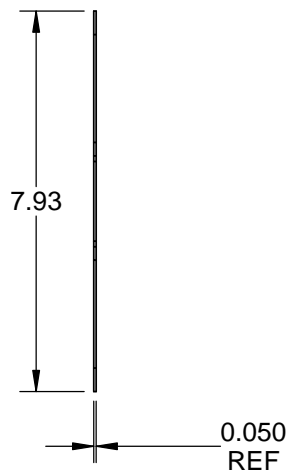
DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	DB		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4682	SHEET 3 OF 7
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSY	NTS
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SECTION C-C 9
SCALE 2X



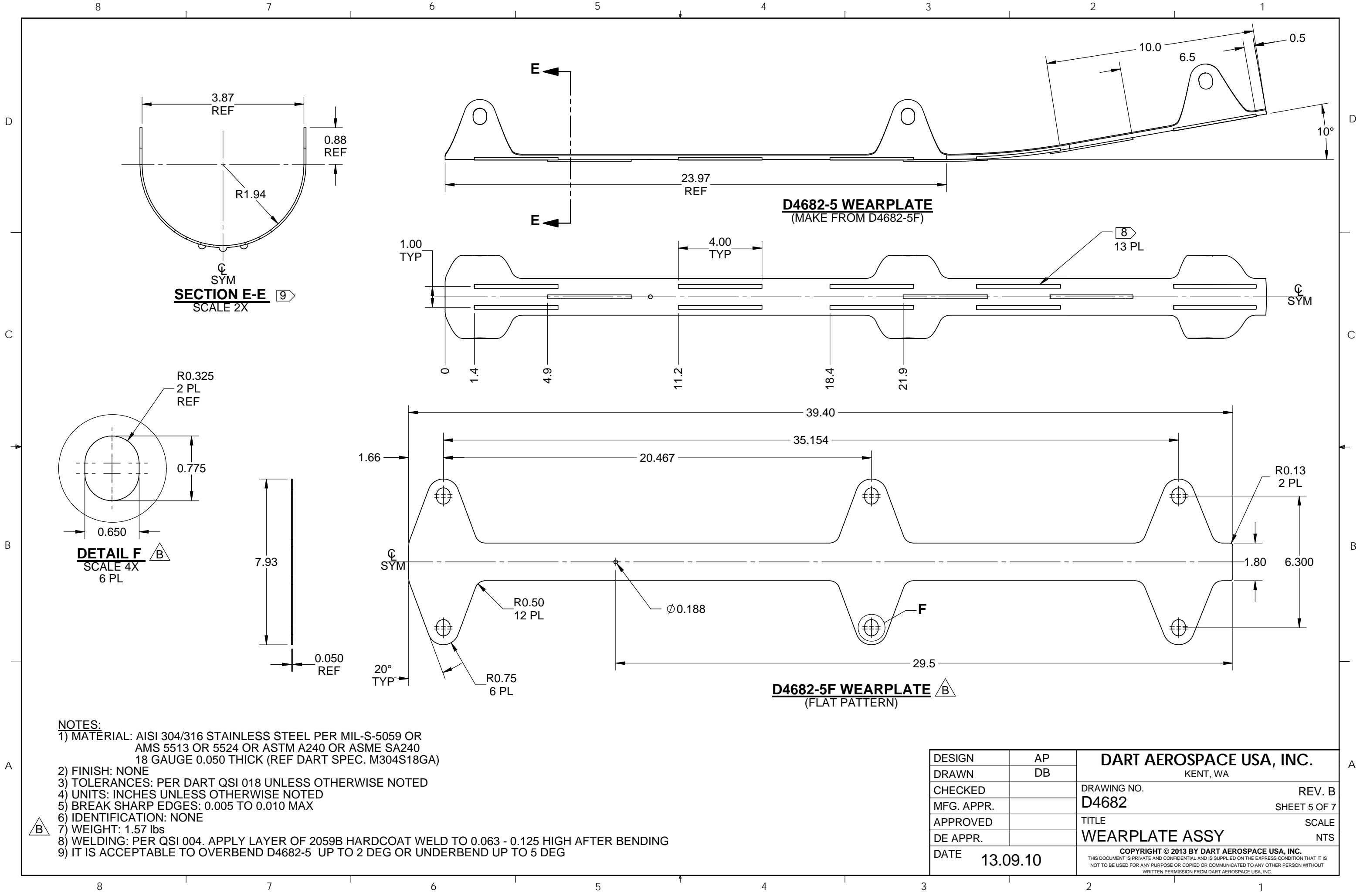
DETAIL D B
SCALE 2X
4 PL

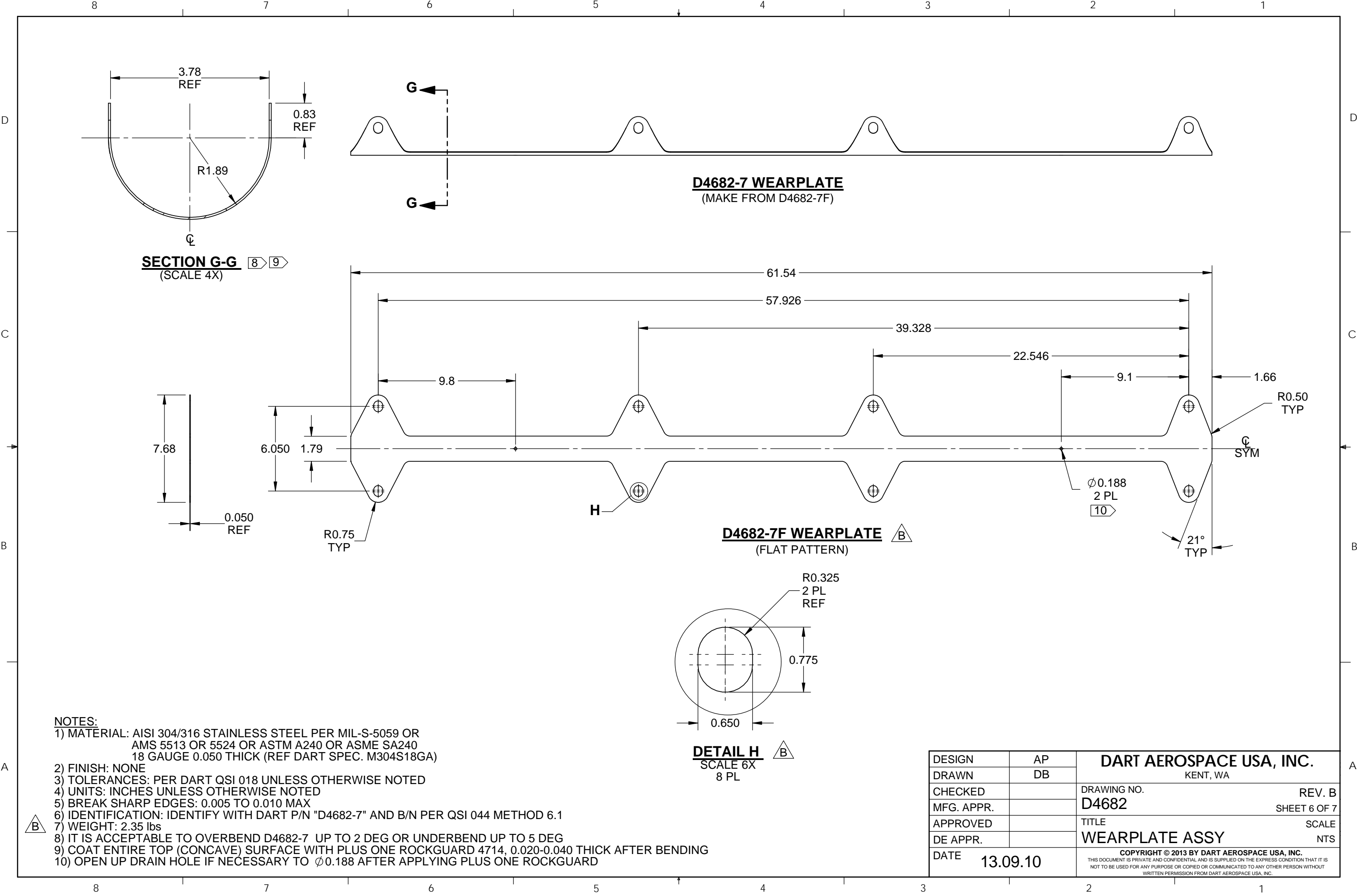


NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK (REF DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.11 lbs
- 8) WELDING: PER QSI 004. APPLY LAYER OF 2059B HARDCOAT WELD TO 0.063 - 0.125 HIGH AFTER BENDING
- 9) IT IS ACCEPTABLE TO OVERBEND D4682-3 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	DB		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4682	SHEET 4 OF 7
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSY	NTS
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SECTION G-G [8] [9]
(SCALE 4X)

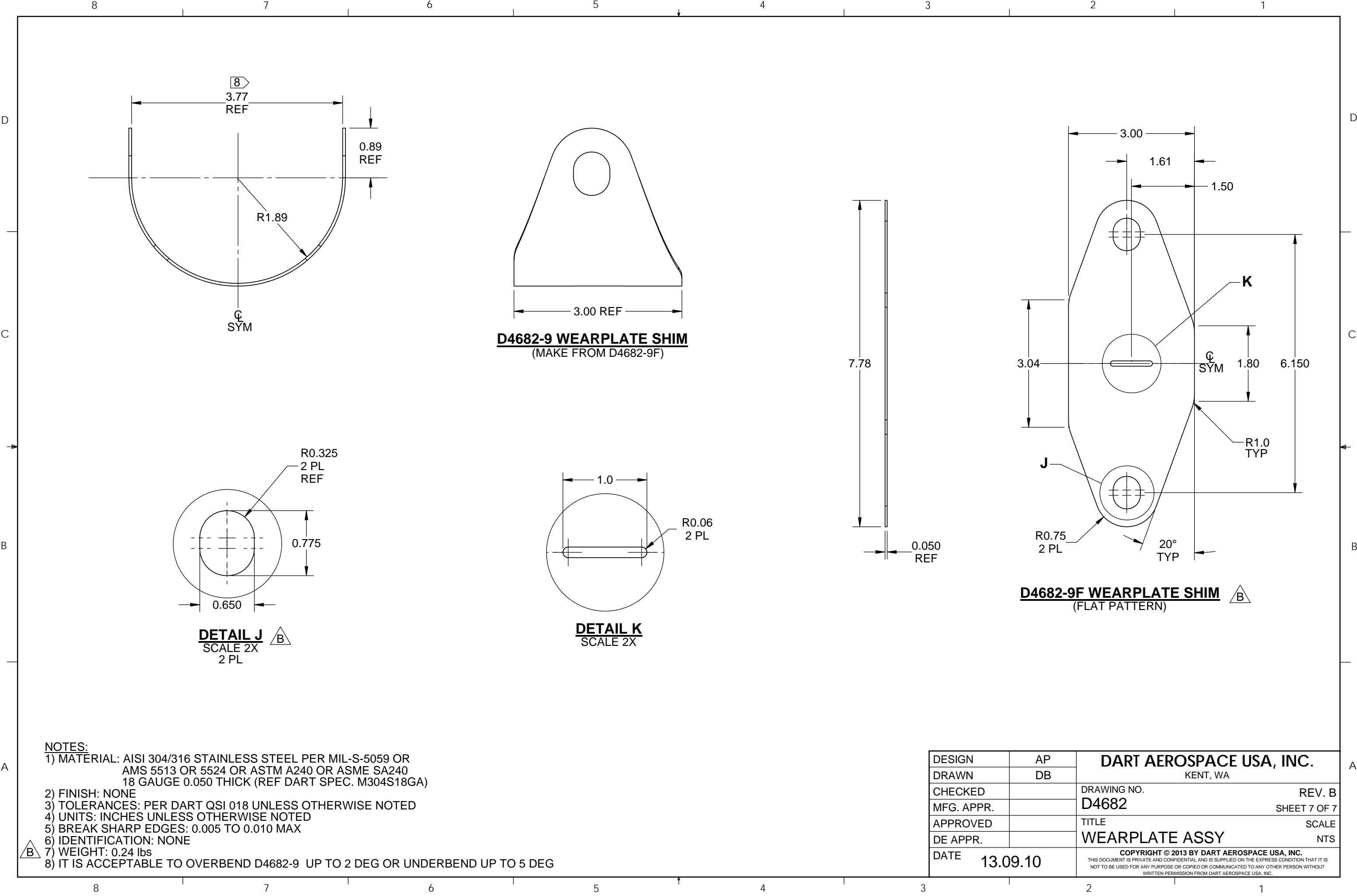
D4682-7 WEARPLATE
(MAKE FROM D4682-7F)

D4682-7F WEARPLATE
(FLAT PATTERN)

DETAIL H
SCALE 6X
8 PL

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK (REF DART SPEC. M304S18GA)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4682-7" AND B/N PER QSI 044 METHOD 6.1
 - 7) WEIGHT: 2.35 lbs
 - 8) IT IS ACCEPTABLE TO OVERBEND D4682-7 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG
 - 9) COAT ENTIRE TOP (CONCAVE) SURFACE WITH PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK AFTER BENDING
 - 10) OPEN UP DRAIN HOLE IF NECESSARY TO $\phi 0.188$ AFTER APPLYING PLUS ONE ROCKGUARD

DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	DB		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4682	SHEET 6 OF 7
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSY	NTS
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NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK (REF DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.24 lbs
- 8) IT IS ACCEPTABLE TO OVERBEND D4682-9 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	DB		
CHECKED		DRAWING NO. D4682	REV. B
MFG. APPR.			SHEET 7 OF 7
APPROVED		TITLE WEARPLATE ASSY	SCALE NTS
DE APPR.		COPYRIGHT © 2013 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	
DATE	13.09.10		